



ALTERNATIVE TO PTO/SB/08a/b (07-05)

Substitute for form 1449/PTO				Complete if Known	
				Application Number	10/806,515
				Filing Date	March 22, 2004
				First Named Inventor	Tom F. LUE
				Art Unit	1636
				Examiner Name	C. Qian
Sheet	1	of	1	Attorney Docket Number	220022001610

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
CQ	1.	"Cialis Filed in European Union for Once-a-Day Dosing for Erectile Dysfunction," Business Wire via NewsEdge Corp. (June 7, 2006)			T ²
	2.	"Erectile dysfunction is reversed by angiogenic gene therapy in hypercholesterolemia models," Angiogenesis Weekly via NewsEdge Corp. (June 9, 2006)			
	3.	"Erectile dysfunction models benefit from intracavernosal basic fibroblast growth factor," Angiogenesis Weekly via NewsEdge Corp. (May 5, 2006)			
	4.	"Research from the United States in diabetes provides new insights," Diabetes Week via NewsEdge Corp. (May 8, 2006)			
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	8.	HANAHAN, Science (1997) 277:48-50			
	9.	LEE et al., J. Urol. (2002) 167:761-767			

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sd-335135

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>		Docket Number: 220022001610	Application Number 10/806,515
		Applicant	Tom F. LUE et al.
		Filing Date: March 22, 2004	Group Art Unit: 1646
		Mailing Date July 1, 2004	

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Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
CQ	1.	06/1991	5,026,839	Moscatelli et al.	536	27	
	2.	07/1992	5,130,418	Thompson	530	399	
	3.	10/1992	5,155,214	Baird et al.	530	399	
	4.	01/1993	5,180,820	Barde et al.	536	23.51	
	5.	02/1993	5,188,943	Florkiewicz et al.	435	69.4	
	6.	06/1993	5,217,954	Foster et al.	514	12	
	7.	07/1993	5,229,500	Barde et al.	530	399	
	8.	08/1993	5,235,043	Collins et al.	530	399	
	9.	12/1993	5,270,053	Schneider et al.	424	450	
	10.	02/1995	5,387,673	Seddon et al.	530	399	
	11.	08/1995	5,438,121	Barde et al.	530	399	
	12.	09/1996	5,552,157	Yagi et al.	424	450	
	13.	12/1996	5,589,377	Lebkowski	435	369	
	14.	03/1997	5,607,918	Eriksson et al.	514	012	
	15.	03/1997	5,646,181	Eriksson et al.	514	012	
	16.	09/1997	5,662,931	Munechika et al.	424	450	
	17.	11/1997	5,686,102	Gross et al.	424	450	
	18.	12/1997	5,693,531	Chiorini et al.	435	325	
	19.	04/1998	5,736,154	Fuisz	424	449	
	20.	04/1998	5,741,511	Lee et al.	424	449	
	21.	05/1998	5,753,500	Shenk et al.	435	320.1	
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	23.	02/1999	5,886,039	Morton	252	301.4R	
	24.	04/1999	5,891,915.	Wysor et al.	514	573	
	25.	08/1999	5,939,096	Clerc et al.	424	450	
↓	26.	08/1999	5,941,868	Kaplan et al.	604	5000	
	27.	08/1999	5,942,545	Samour et al.	514	573	

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				Applicant Tom F. LUE et al.			
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CQ	28.	08/1999	5,945,117	El-Rashidy et al.	424	430	
	29.	11/1999	5,981,225	Kochanek et al.	435	069.1	
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	34.	05/2000	6,056,966	Selim et al.	424	401	
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Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
CQ	47.	07/2000	WO00/43029	WIPO			
↓	48.	04/2001	WO01/24809	WIPO			
↓	49.	09/2001	WO01/68125	WIPO			

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title

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CQ	50.	Achen, et al., Proc. Nat'l. Acad. Sci. USA, 95(2): 548-553 (1998)
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CQ	78.	Ferrara, N., et al., Endocr Rev, 13: 18 (1992)		
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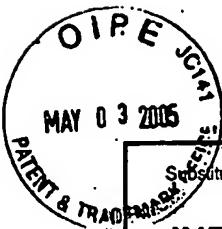
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<table border="1"> <tr> <td>CQ</td> <td>170.</td> <td colspan="3">Watson et al. Molecular Biology of the Gene, 4th Edition, The Bejacmin/Cummings Pub. co., p. 224 (1987)</td> </tr> <tr> <td></td> <td>171.</td> <td colspan="3">Yamada, et al., Genomics, 42: 483 (1997)</td> </tr> <tr> <td></td> <td>172.</td> <td colspan="3">Yan, et al., Nature, 360: 753 (1992)</td> </tr> <tr> <td style="text-align: right;">↓</td> <td>173.</td> <td colspan="3">Zheng, et al., Am. J. Physiol. Heart Circ. Physiol., 280: H909-17 (2001)</td> </tr> <tr> <td></td> <td>174.</td> <td colspan="3">Zvara, P., Sioufi, R., Schipper, H. M. et al., Int J Impot Res, 7: 209 (1995)</td> </tr> </table>					CQ	170.	Watson et al. Molecular Biology of the Gene, 4th Edition, The Bejacmin/Cummings Pub. co., p. 224 (1987)				171.	Yamada, et al., Genomics, 42: 483 (1997)				172.	Yan, et al., Nature, 360: 753 (1992)			↓	173.	Zheng, et al., Am. J. Physiol. Heart Circ. Physiol., 280: H909-17 (2001)				174.	Zvara, P., Sioufi, R., Schipper, H. M. et al., Int J Impot Res, 7: 209 (1995)		
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EXAMINER: Celine Qian

Docket signed by Celine Qian
Dte: 05-Celine Qian, smt, USPTO
Supt: FMS, smt@uspto.gov
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				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	220022001610

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
CO	1.	Gholami et al., Journal of Urology (2002) 167(4) Suppl.:235			

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Examiner Signature	Celine Qian <small>Digitally signed by Celine Qian D:\cm>Celine.Qian.m\US\ent\USPTO\ent\103A Date: 2008.11.19 17:26:49 -05'00'</small>	Date Considered
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sd-257515



ALTERNATIVE TO PTO/SB/08a/b (07-05)

Substitute of Form 1449/PTO				Complete If Known	
				Application Number	10/806,515
				Filing Date	March 22, 2004
				First Named Inventor	Tom F. LUE
				Art Unit	1646
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	220022001610

U.S. PATENT DOCUMENTS					
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CQ	1.	US-5,770,228	06-23-1998	Edwards et al.	
	2.	US-5,770,606	06-23-1998	EI-Rashidy et al.	
	3.	US-6,037,320	03-14-2000	Rosenthal	
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Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
CQ	5.	BASKIN et al., The Journal of Urology (1999) 162:1015-1020			
	6.	BERMAN et al., The Journal of Urology (2003) 170:2333-2338			
	7.	BURNETT et al., The Journal of Urology (1997) 158:75-78			
	8.	CHATTOPADHYAY et al., Gene Therapy (2005) 12:1377-1384			
	9.	DASGUPTA et al., The Journal of Urology (2004) 171:1189-1193			
	10.	GHOLAMI et al., The Journal of Urology (2003) 169:1577-1581			
	11.	Gray's Anatomy, 38 th ed., (1999) Chapter 3: Embryology and Development, Reproductive System, pp. 210, 214-216			
	12.	MELMAN, International Journal of Impotence Research (2006) 18:19-25			
	13.	MUSICKI et al., Biology of Reproduction (2004) 70:282-289			
	14.	PESSINA et al., Endocrinology (2006) 147:61-69			
	15.	REHMAN and MELMAN, The Journal of Urology (1999) 161:200-206			
	16.	VIAGRA (sildenafil citrate) http://www.viagra.com/ web page visited April 6, 2006			
	17.	YILMAZ et al., The Journal of Urology (2002) 167:616-620			
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	19.	ZIPPE et al., International Journal of Impotence Research (2006) 18:1-18			

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¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	Celine Qian	Date Considered
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ALTERNATIVE TO PTO/SB/08a/b (07-05)

Substitution of Form 1449/PTO				Complete if Known	
				Application Number	10/806,515
				Filing Date	March 22, 2004
				First Named Inventor	Tom F. LUE
				Art Unit	1646
				Examiner Name	Not Yet Assigned
Sheet	1	.of	1	Attorney Docket Number	220022001610

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CQ	1.	WO-00/72871-A1	12/2000	Helsinki University Licensing Ltd OY	T ⁶

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CQ	2.	PURVES et al., Neuroscience, 2nd Edition (2001) Sinauer Associates, Inc.			

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Examiner Signature	Celine Qian	Digitally signed by Celine Qian DN: cn=Celine Qian, o=US, ou=USPTO, ou=1630, email=cqian Date: 2009.11.10 17:39:13 -05'00	Date Considered
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